

Remarks/Arguments

This case has been reviewed and analyzed in view of the Official Action dated 20 July 2006. In the Official Action, the Examiner has found ten inventions, namely, Species I directed to Fig 1 for a networked system for implementing a video distribution system; Species II directed to Fig. 7 for a block diagram of a video encoder; Species III directed to Fig. 8 for a block diagram of a predictive-coded video object plane (P-VOP) encoder; Species IV directed to Fig. 9 for a flowchart illustrating a process of encoding a portion of a video bitstream to include a redundant motion vector; Species V directed to Fig. 10 for a flowchart illustrating a process of optionally encoding a portion of a video bitstream with sequential intra-frames to enhance the robustness of the bitstream; Species VI directed to Fig. 11 for a flowchart illustrating a process of encoding a portion of a video bitstream to include a redundant motion vector that can be referenced to a selected previous frame; Species VII directed to Fig 13 for a block diagram of a video decoder; Species VIII directed to Fig. 14 for a block diagram of a predictive-coded video object plane (P-VOP) decoder; Species IX directed to Fig. 15 for a flowchart illustrating a process of decoding a portion of a video bitstream encoded with redundant motion vectors where the process uses a redundant motion vector as a backup to a standard motion vector; and Species X directed to Figs. 16A-16B for flowcharts illustrating a process of decoding a video bitstream

encoded with redundant motion vectors where the process uses a redundant motion vector as a backup to a standard motion vector or in response to a high error estimate. The Examiner has required that Applicant choose one Species for further prosecution in this case.

By this Amendment and Response, Applicant elects Species VIII directed to Fig. 14. Applicant further believes that Claims 1-5, 7-9 and 26 read on Species VIII.

This response is being made with partial traverse. It is believed that Figs. 14-16B are directed to the same invention system. Fig. 15 describes a flowchart illustrating a portion of the process of the block diagram shown in Fig. 14 for decoding a video bitstream encoded with redundant motion vectors. This is clearly seen in the specification where the redundant motion vector is carried by the encoded bitstream 1302 (Fig. 14) in a user data video packet and the redundant motion vector is then stripped from the encoded bitstream 1302 (Fig. 14) by the demultiplexer 1304 (Fig. 14).

Fig. 16 is a flowchart that illustrates the process of decoding a video bitstream encoded with redundant motion vectors. As seen in the specification, the redundant motion vector may be designated with its own start code or equivalency and the demultiplexer 1304 (Fig. 14) may strip the redundant motion vector from the encoded bitstream 1302 (Fig. 14).

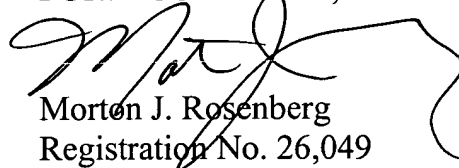
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Thus, it is believed that Figs. 14-16B are directed to the same invention and Figs. 15-16B are directed to flowcharts for logic applied to the blocks of Fig. 14. Thus, it is believed that Claims 10-22 are simply directed to a process of decoding a video bitstream using the blocks of Fig. 14 and Claims 23-25 are directed to the flowchart for a redundant motion vector which is present in an encoded video bitstream are also part of the block set up of Fig. 14.

It is thus further believed that Claims 1-5, 7-9, and 10-26 are all directed to the same essential Species as provided by the block figure of Fig. 14.

It is now believed that the subject patent application has been placed in condition for examination and such action is respectfully requested.

Respectfully submitted,
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